Lumen POET Datasheet

Backflipt Xenovus Inc., Santa Clara, CA www.backflipt.com

Product Overview Lumen POET is a secure Agent-to-Agent (A2A) intelligence platform that automatically transforms existing APIs into governed, monetizable A2A AI agents. It enables enterprises to share derived insights rather than raw data, eliminating data leakage risks and future-proofing APIs for agent commerce. Deployed as a self-contained appliance in your VPC or on-premises, Lumen POET processes AI queries internally and outputs only redacted, auditable insights with no outbound calls or data egress.

Designed for IT admins in regulated environments, it requires no dedicated AI expertise: agents are auto-generated from API specs in minutes via an intuitive console.

Key Challenges Addressed

- Data leakage from exposing raw APIs to external AI agents or public LLMs
- Compliance risks in sharing sensitive data (HIPAA, GDPR, financial regulations)
- Lack of governance and monetization in emerging A2A ecosystems
- High costs and complexity of building custom AI agents

Core Features

Category	Features
Instant Agent Generation	Auto-convert APIs to A2A agents from OpenAPI/Swagger, YAML, JSON, RAML specs Ready in minutes with pre-packaged prompts and tools
Insights-Only Sharing	AI processing in your VPC; outputs aggregates, summaries, citations only Differential privacy, watermarking, and expiry policies
POET Admin Console	No-code UI for configuring prompts, tools, logic, and policies Instant QA, AI traces, real-time dashboards
Enterprise Governance	RBAC, immutable audit trails, emergency kill switch (<3s revocation) Geo-fencing, rate limiting, bias detection, prompt filtering (NeMo Guardrails)
Security & Compliance	OAuth/JWT authentication; HIPAA/GDPR-ready PII redaction, scope enforcement, real-time logs
Monetization Ready	Built-in AP2 (Agent Payments Protocol) and ACP (Agent Commerce Protocol) Charge per insight (e.g., fraud scores, forecasts)
Deployment & Scalability	VM or container; Helm/Terraform install Auto-scaling on AWS, Azure, GCP, Kubernetes, on-prem, or air-gapped No external dependencies or outbound calls

Platform Compatibility & Integrations Seamlessly integrates with leading API Gateways:

- Kong Gateway
- Google Apigee
- AWS API Gateway

- MuleSoft Anypoint Platform
- Microsoft Azure API Management
- IBM API Connect
- WSO2 API Manager
- Tyk, Axway Amplify, Akana

Deploys alongside internal gateways or in DMZ for customer-facing APIs.

Use Cases

- **Enterprise ITSM Intelligence**: Securely query ticket data; share anonymized summaries without exposing PII.
- **Healthcare Trial Matching**: Generate eligibility reports from EHR data; full audit trails ensure HIPAA compliance.
- **Market Research**: Compute proprietary forecasts internally; monetize insights on a per-query basis.
- **Financial Fraud Scoring**: Process transaction data in-VPC; output risk scores only, preventing reverse-engineering.

Benefits

- **Risk Mitigation**: Prevent data breaches and IP theft (average cost $4.44M globally; higher in regulated sectors)
- **Compliance Assurance**: One-pane policies, immutable audits, and instant controls
- **Revenue Enablement**: 2–3x potential uplift via per-insight monetization with AP2/ACP
- **Operational Efficiency**: Minutes to deploy agents; no AI team required
- **Rapid ROI**: Fast time-to-value with built-in governance and scalability

Why Choose Lumen POET?

In the agentic AI era, Lumen POET turns your existing APIs into secure, revenue-generating A2A assets under complete IT control. It protects sensitive data at the edge while enabling safe collaboration and commerce in multi-agent ecosystems.

Contact Us

Schedule a demo: https://calendly.com/backflipt/schedule-a-meeting-with-us

Visit: www.backflipt.com/lumen-poet

Email: reachus@backflipt.com